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RDJ/JMM/cb  
June 24, 2004

PATENT APPLICATION  
DOCKET NO.: 0717.2041-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frederick P. Herrmann

Application No.: 10/775,765

Filed: February 10, 2004

Confirmation No.: 8724

For: LIQUID CRYSTAL DISPLAY WITH INTEGRATED  
DIGITAL-ANALOG-CONVERTERS



Group: 2871

Examiner: Not Assigned

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
<u>JUNE 24, 2004</u> Date	<u>Christine A. Budd</u> Signature
CHRISTINE A. BUDD Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references are enclosed.
- ☒ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
- ☐ the explanation provided in the Specification.
- ☐ submission of the enclosed International Search Report.
- ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
- ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,


HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By \_\_\_\_\_

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Registration No.: 55,926  
Telephone: (978) 341-0036  
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Concord, MA 01742-9133

Dated: 6/24/04

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 0717.2041-001		APPLICATION NO. 10/775,765	
 <p><b>INFORMATION DISCLOSURE CITATION</b> IN AN APPLICATION</p> <p>June 24, 2004</p> <p>(Use several sheets if necessary)</p>		FIRST NAMED INVENTOR Frederick P. Hermmann		FILING DATE February 10, 2004	
		EXAMINER Not Assigned		CONFIRMATION NO. 8724	

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	US 2001/0026251 A1	10-04-2001	Hunter et al.
	AB	US 2002/0063671 A1	05-30-2002	Knapp
	AC	US 2002/0122021 A1	09-05-2002	Hector et al.
	AD	US 2002/0122032 A1	09-05-2002	Hector et al.
	AE	US 2003/0076288 A1	04-24-2003	Fish
	AF	5,130,829	07-14-1992	Shannon
	AG	6,040,812	03-21-2000	Lewis
	AH	6,046,719	04-04-2000	Dingwall
	AI	US 6,281,891 B1	08-28-2001	DaCosta et al.
	AJ	US 6,429,844 B1	08-06-2002	Yoon
	AK	US 6,445,325 B1	09-03-2002	Burns
	AA2	US 6,577,302 B2	06-10-2003	Hunter et al.
	AB2	US 6,683,596 B2	01-27-2004	Ozawa
	AC2			
	AD2			
	AE2			
	AF2			
	AG2			
	AH2			
	AI2			
	AJ2			
	AK2			
	AA3			
	AB3			
	AC3			

EXAMINER	DATE CONSIDERED
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<b>PTO-1449 REPRODUCED</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>June 24, 2004</b>  (Use several sheets if necessary)	<b>ATTORNEY DOCKET NO.</b> 0717.2041-001		<b>APPLICATION NO.</b> 10/775,765	
	<b>FIRST NAMED INVENTOR</b> Frederick P. Hermmann		<b>FILING DATE</b> February 10, 2004	
	<b>EXAMINER</b> Not Assigned	<b>CONFIRMATION NO.</b> 8724	<b>GROUP</b> 2871	

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	AL	EP 0 540 163 B1	01-08-1997	Xerox Corporation		
	AM					
	AN					
	AO					
	AP					
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	AL2					
	AM2					
	AN2					
	AO2					
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<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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